

IN THE SPECIFICATION:

Please replace paragraph number 88 with the following:

[0088] Referring to Figure 5A, the edge server 502 further includes a request interceptor 504 and an edge DNS translation server 506. It is preferred that the facilities and capabilities of the edge server 502 be provided to Web servers 108 on a subscription or fee for services basis as will be described below. It is further preferred that an edge server 502 and edge cache 508 be provided at every service provider 118, 120 or at every major network 100 intersection so as to provide coverage of every POP 114, 116 on the edge 124 of the network 100. The edge server ~~402~~ 502 preferably includes one or more processors, a memory coupled with the processors and one or more network interfaces or other interfaces, also coupled with the processors and operative to couple or integrate the edge server 502 with the routing equipment of the service provider 120. Optionally, the edge server 502 may include secondary storage including a second memory such as a cache memory, hard disk or other storage medium. Further, the processors of the edge server 502 may be dedicated processors to perform the various specific functions described below. The edge server 502 preferably further includes software and/or firmware provided in a read only memory or in a secondary storage which can be loaded into memory for execution or, alternatively, executed from the secondary storage by the processors, to implement the various functions as detailed below. To further improve performance, such software functionality may also be provided by application specific integrated circuits ("ASICs"). For example, an edge server 502 can comprise a Compaq TaskSmart™ Server manufactured by Compaq Corporation, located in Austin, Texas. The TaskSmart™ Server can include an Intel IXA1000 Packet Processor manufactured by Intel Corporation, located in Santa Clara, California to perform the traffic monitoring and port specific traffic interception functions as well as the security applications as detailed below. The TaskSmart™ Server can further include a PAX.port 1100™ classification adapter manufactured by Solidum Corporation, located in Scotts Valley, California, which can receive intercepted DNS translation requests from the packet processor and, utilizing a look up table (preferably stored in

a memory providing high speed access), determine whether or not the request is associated with a subscribing server 108, as described below. The classification adapter can attempt to resolve the DNS request or hand it off to a general processor such as an Intel Pentium III™ or other general purpose processor for further operations as detailed below. An exemplary edge server 502 may have six 9.1 GB hot pluggable hard drives preferably in a RAID or other redundant configuration, two redundant hot pluggable power supplies, five 10/100 Ethernet ports and 1 GB of main memory and capable of handling in excess of 1250 requests per second.